i	• • • • • • • • • • • • • • • • • • • •					13DV13427-6						
	UTILITY		Attorn	ey Docket No	. 13DV13427-6							
PA	TENT APPLICA	TION	First I	nventor	Thomas G. Bu	homas G. Busch						
	TRANSMITTA	L	Title	Title Methods for Rotor Overspeed and Overs								
(Only for new no	nprovisional applications un	nder 37 CFR 1.	53(b)	1 010001011								
APP	LICATION ELEM	ENTS	Expres	ss Mail Label	No. EV3399848 Mail Stop Patent App	325US						
See MPEP chapter	600 concerning utility patent o	application conte	ents. ADDR	ESS TO:	Commissioner for Pa PO Box 1450	tents						
1. Fee Trans	mittal Form (e.g. PTO/SB/17)		7. \ (Alexandria, VA 22313-1450								
	n original and a duplicate for	fee processing.)		Computer Program (Appendix)								
	claims small entity status	. 07	8. Nucleo	Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)								
3. Specificati		10	a. [lable Form (CRF)		2 2 €					
(preferred arr	angement set forth helow)	es 10	b. S	pecification Seque	nce Listing on:		101					
- Cross Re	ve title of the invention ference to Related Application	s			ROM or CD-R (2 copies)); or	16					
- Statemen	t Regarding Fed sponsored R a to sequence listing, a table,	& D	с. Г	- Paper								
or a com	outer program listing appendix	:	<u> </u>	c. Statements verifying identify of above copies ACCOMPANYING APPLICATION PARTS								
- Backgrou	nd of the Invention mary of the Invention						ARTS					
- Brief Des	cription of the Drawings GEGL	ed)			cover sheet & document	(s)) [2 pages]						
- Detailed I - Claim(s)			10 37	CFR 3.73(b) State then there is an ass	ement Pow	er of Attorney [pages]					
	f the Disclosure		_		ignee) Document (if applicable)							
		Sheets 2]										
5. Declaration & Po		Pages 2]	(II)	2. Information Disclosure Statement Copies of IDS Citations (IDS)/PTO-1449								
a. Newly	executed (original or copy)		13. 🔀 Pre	3. Preliminary Amendment								
b. Copy f	rom a prior application (37 CF	FR 1.63 (d))	14. 🔀 Ret	4. Return Postcard (MPEP 503) (Should be specifically itemized)								
i.	ntinuation/divisional with Box	17 completed)	15. Cer	5. Certified Copy of Priority Document(s)								
" "	<u>DELETION OF INVEN</u> Signed statement attached deleting	VIOR(S)	(if)	(if foreign priority is claimed)								
	named in the prior application, see 1.63(d)(2) and 1.33(b).	37 CFR	16. Nor	Publication Reque	est under 35 U.S.C. 122							
6. Application	Data Sheet. See 37 CFR 1 76	5	117 X Ou	(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 7. Other: Submission of Marked Up Paragraphs and Claims								
18. If a CONTINUI	NG APPLICATION, check Data Sheet under 37 CFR	k appropriate h	or and supply	the requisite of	Marked Up Paragraphs	and Claims						
1 1 1		1.76:	on, una suppry	ine requisite info	rmation below and in	a preliminary	amendment,					
Continuation Prior application inform	Ed Divisional	Continuation-in-pa	art (CIP)	of prior applicatio	n No.:09/ 687 325							
IFOR CONTINUATION C	D DIVISIONAL ADDO		e of the prior applie	Group Art Unit	. 3746							
portion has been inadver	f the accompanying continuation tently omitted from the submitte	or divisional appled	lication and is here	by incorporated by	n oath or declaration is su reference. The incorporat	pplied under Box : ion <u>ca</u> n only be rel	5b, is considered					
		19. COR	RESPONDENC	E ADDRESS			-p-ss witch a					
Customer Number	Customer Number or Bar Code Label				\square	or Correspondence address below						
Name	Robert B. Reeser, III	(Insert Custon	ner No. or Attach bar c	or Attach bar code label here) or Correspondence address below								
	Armstrong Teasdale LL	.P										
Address	One Metropolitan Squa	re, Suite 2600										
City	St. Louis		State	МО	Zip Code	63102						
Country	US	Te	lephone 314	.621.5070	Fax	314.621.50	165					
Name (Print/Type)	Robert B. Reeser, III	Re		ation No. (Attorney/Agent)								
Signature	L				Date	July 16, 20	03					
I certify that the docum service under 37 C.F.F P.O. Box 1450, Alexa	nents listed on this form are R. § 1.10 on the date indicat ordria, VA 22313-1450.	Certif being deposite ted above in an	icate of Expre d with the United envelope addre	ess Mail d'States Fostal S essed to: Mail St		Post Office to Ac	ddressee"					
Robert B. Ree			TAA									
	rson Mailing Correspond	danas)	1	WHAT -		July 16,	, 2003					
		ierice)	(Signature of	Person Mailing	Corresp ndence)	Dat	<u>e</u> _					

PTC/SB/17 (01-03)
Approved for use through 04/30/2003. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to re							d to re	respond to a collection of information unless it displays a valid OMB control number.								
FEE TOANGMITTA						Λi	L	Complete if Known								
FEE TRANSMITTA					~ r	- L	Application Number									
for FY 2003								Filing Date Ju			July 16, 2003					
IOF FY ZUU3 Effective 01/01/2003. Patent fees are subject to annual revision.						vision		First Named Inventor Thon			homas	s George	Busch			
 							{	Examiner Name								
Applicant claims small entity status. See 37 CFR 1.27							Art Unit									
TOTAL AMOUNT OF PAYMENT (\$) 790.00								Attorney Docket No. 13D\			3DV-13427-6					
METHOD OF PAYMENT (check all that apply)						Ī	FEE CALCULATION (continued)									
Check Credit card Money Other None							3. ADDITIONAL FEES									
Deposit Account:						- }'	Large Entity Small Entity									
Deposit	Deposit 04 0004				}	Fee Code		Fee Code	Fee (\$)	Fee Description Fee I						
Number -	01-20	-2004					1051	130	2051		_	harge - late filing fee or oath				
Account Armstrong Teasdale LLP					1052	50	2052	25	Surcharg cover she							
Name The Commissioner is authorized to: (check all that apply)					·	1053	130	1053		-	English specification					
Charge fee(s) indicated below Credit any overpayments					nts		2,520	1812	•	_	ling a request for ex parte reexamination					
Charge any additional fee(s) during the pendency of this application					ation	1804	920*	1804	920*	Requesti Examine		lication of SII I	R prior to	 		
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.						1805	1,840*	1805	1,840*		uesting publication of SIR after niner action					
FEE CALCULATION						1251	110	2251	55		nsion for reply within first month					
1. BASIC FILING FEE					1252	410	2252	205	Extension							
Large Entity Sm Fee Fee Fe	nall Enti		ee Descripti	on	Fee Pa	id I	1253	930	2253	_			eply within thi			
	ode (\$)	=	ee Describti	रंग	i ee Pa	""		1,450	2254	725			eply within for			
1	001 375		Utility filing f		750.00	57		1,970	2255				eply within fift	n month		
i	002 169		Design filing				1401	320	2401		Notice o				 	
1	003 260		Plant filing for			4	1402	320	2402		-		support of ar	n appeal		
	004 375		Reissue filin	-			1403	280	2403		Request		•	wro.o di		
1005 160 2	2005 80		Provisional 1			- 	1451	1,510 110	1451 2452	•			ute a public i e - unavoidal	ise proceeding		
		su	BTOTAL (1) (\$) 7	50.00			1,300	2452							
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE						SUE		1,300	2501			ion to revive - unintentional y issue fee (or reissue)				
		E	xt <u>ra Claim</u> s	Fee fro		aid	1502	470	2502		Design i		,			
Total Claims Independent	ليبا	-20**		×	╡ ‡	4	1503	630	2503		Plant iss					
Claims	لـــا	- 3** :	<u>- L</u>	× <u> </u>	╣╬┻═	 	1460	130	1460	130	Petitions	s to the	Commission	er		
Multiple Dependent						1807	50	1807	7 50	Process	essing fee under 37 CFR 1.17(q)					
Large Entity Small Entity Fee Fee Fee Fee Fee Description				- [1806	180	1806			nission of Information Disclosure Stmt						
Code (\$)	Code (Lee Desi	*· ibrio!!		į	8021	40	8021	40	Recording	ng each	patent assignumber of pa	Inment per	40.00	
1202 18	2202	9	Claims in e			. 1	1809	750	2809	375			sion after fina			
1201 84	2201	42	Independer			- 1					(37 CFR	1.129((a))			
1203 280 1204 84	2203 2204	140 42	Multiple dep ** Reissue		•	a10	1810	750	2810	375			onal inventio CFR 1.129(b)			
1204 04	2204	42		nal patent	Ciaillis	ł	1801	750	2801	375				mination (RCE)		
1205 18	2205	9			xcess of 20 tent	·	1802	900	1802	900			pedited exar	mination		
and over original patent						7	Other	of a design application								
SUBTOTAL (2) **or number previously paid, if greater; For Reissues, see above						,	*Redu	duced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00								
SUBMITTED BY							===	===		###		(Complete (
Name (Print/Type)		Robe	rt B. Ree	er,/	K				tion No.	45	548			314/621-5070		
Signature			- 4	AL	1			Attorney/	(Agent)				Date	July 16, 2003	····	
- gridiai 0					<u> </u>									July 10, 2000		

WARNING: Information of this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the complete of the complete the form and/or suggestions for reducing this buyer of the control to Collection is estimated. the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Thomas George Busch

Serial No.:

Group Art Unit:

Filed: July 16, 2003

Examiner:

For:

METHODS FOR ROTOR OVERSPEED AND

OVERBOOST PROTECTION

CERTIFICATE OF MAILING BY EXPRESS MAIL TO THE COMMISSIONER OF PATENTS AND TRADEMARKS

Mail Stop PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Express Mail Mailing Label No.: EV339984825US

Date of Mailing: July 16, 2003

I hereby certify that the documents listed below:

- Utility (Divisional) Patent Application Transmittal
- Fee Transmittal
- Specification, Claims and Abstract
- Formal Drawings
- **Preliminary Amendment**
- Submission of Marked Up Paragraphs and Claims
- Executed Declaration (from prior application)
- Assignment (from prior application) and Recordation Cover Sheet
- Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above in an envelope addressed to Mail Stop PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Respectfully submitted,

Robert/B! R Reg. No. 45.548

Armstrong Teasdale LLP

One Metropolitan Square, Suite 2600

St. Louis, MO 63012 (314) 621-5070